Supplementary information

Title: Hepatitis B virus genome replication triggers toll-like receptor 3-dependent interferon responses in the absence of hepatitis B surface antigen

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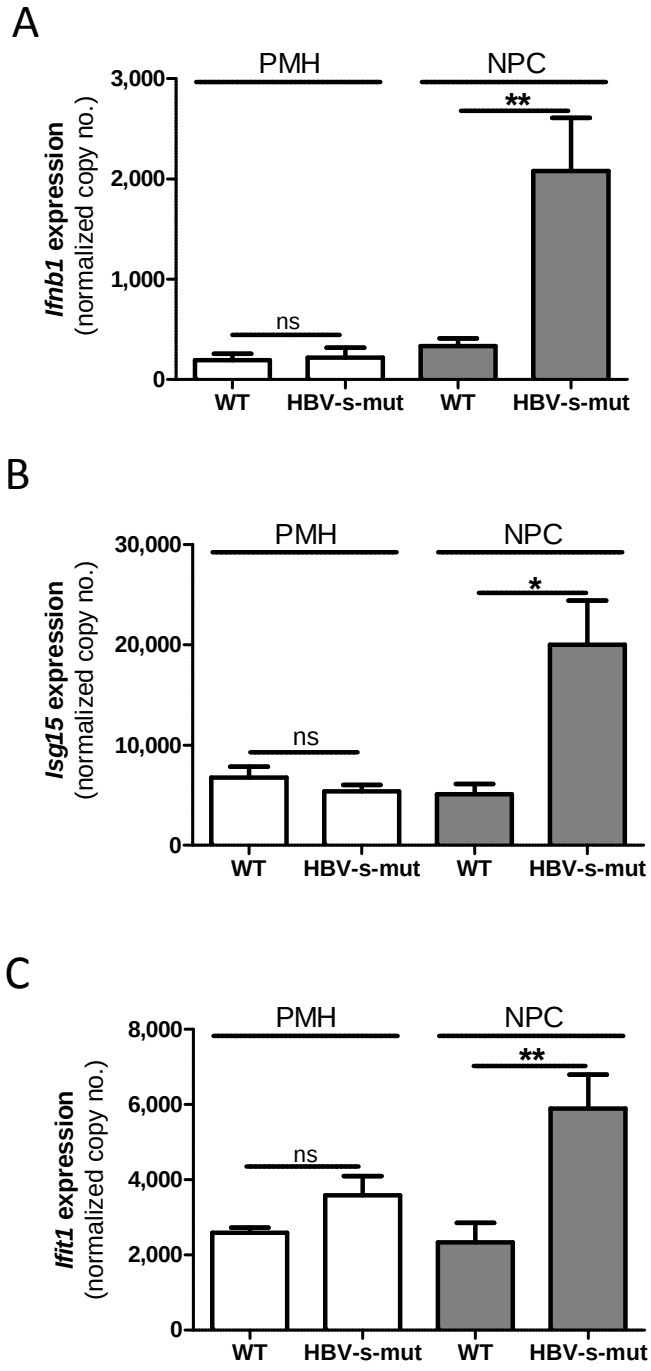

Supplementary figure 1. HBV-induced interferon responses are mediated by non-parenchymal liver cells (NPC). Primary murine hepatocytes (PMH) and non-parenchymal liver cell (NPC) fractions were isolated from two-month-old transgenic HBV (HBV-s-mut) mice and from their HBV-negative littermates (WT). RNA was extracted, and gene expression of interferon beta (*Ifnb1)* (A), interferon-stimulated gene 15 (*Isg15*) (B), and interferon-induced protein with tetratricopeptide repeats 1 (*Ifiti1*) (C) was determined by quantitative reverse transcription polymerase chain reaction (qRT-PCR). Copy numbers were normalized to 100,000 copies of glyceraldehyde 3-phosphate dehydrogenase (*Gapdh*) (mean±SEM). Group size n=3 animals; * $p<0.05$, ** $p<0.01$; ns, not significant.